Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 28 Nov 2023 until 23:59 on Wednesday 29 Nov 2023

Forecast Issued on Tuesday 28 Nov 2023 at 05:12

Confidence: High for a period of cold or very cold conditions. Medium for details around snow or snow showers.

Headline for Tuesday 28 Nov 2023: Mainly dry, cold and bright. Patchy light snow possible at first, and again late on.

Mountain weather hazards on Tuesday 28 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Sunny intervals	Sunny	Partly cloudy (night)	Cloudy	Light snow showers (night)
Precipitation probability					
30%	10%	<05%	10%	20%	50%

Forecast for Tuesday 28 Nov 2023

Weather: Cloudy at first with patchy rain and summit snow, possibly making for a few icy surfaces around dawn. This will steadily clear away to the southwest through the morning. Any mist of freezing fog patches in valleys will slowly clear through the morning. Dry and bright with sunny spells for much of the afternoon. Thickening cloud later could see a few snow flurries or patchy light snow later in the evening. Northeasterly winds strengthening and turning westerly.

Chance of cloud-free hill tops above 600m: 40% initially, soon increasing to 90%. Lowering from the northwest to 50% later.

Low cloud and visibility: Areas of cloud with bases around 600m this morning will clear away to the southwest. Patchy cloud may briefly obscure lower slopes and higher summits as fog lifts and dissipates. Then skies largely clear with no significant cloud. Bases lowering from the northwest this evening to around 500m Visibility mostly very good or excellent, although poor or very poor in snow or snow showers, and in patches of mist or freezing fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 28 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 NE	4/5 NW	11/13 W	11/14 W	16/22 W	16/24 NW	15/22 N
300	6/10 NE	3/4 W	7/9 W	7/11 W	8/13 SW	7/11 NW	7/9 NE
Valley	1/10 NE	3/4 NW	4/8 W	5/11 W	4/11 W	3/10 NW	4/12 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	1/-1	1/-4	0/-4	0/-5	-1/-6	-2/-7
300	3/0	2/1	3/0	3/0	3/-1	2/-1	1/-2
Valley	3/2	3/1	4/2	4/2	3/1	2/0	1/-1
Freezing Level*	600m	600m	600m	600m	600m	500m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Temperatures remaining close to, or below freezing across higher routes with notable wind chill into the evening as winds strengthen and cloud thickens, bringing a snow risk. Some isolated icy patches possible following any showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 28 Nov 2023	10.4mm	13.2mm	13.2mm

Forecast for Wednesday 29 Nov 2023

Weather: Mainly dry and clear at night with a widespread frost. Any freezing fog patches that form in sheltered valleys will be slow to clear, with a slight chance of persisting throughout. Mostly sunny during the day otherwise, remaining dry and mostly clear into the evening.

Maximum wind: West or northwest 10mph, turning north or northeast later in the day

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: No significant low cloud expected during the day, other than fog banks obscuring lower slopes as it lifts and dissipates. Visibility very good, except in any valley freezing fog.

Temperature: **Valleys:** Minus 4 rising to Plus 2 Celsius around the middle of the day.
At 600m: Minus 1 to Minus 5 Celsius.
Freezing level: Most levels, perhaps rising 300m around the middle of the day.

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